

Joint Conference of AMS and HKMS
Special Session "Iterative Methods in Scientific Computation"

Organizers: Michael Ng and Bob Plemmons

On December 13 (Wednesday)

A class of modified block SSOR preconditioners for symmetric positive definite systems of linear equations

Zhong-Zhi Bai

The Chinese Academy of Sciences

Time: 2:00 p.m.--2:25 p.m.

A recursive algorithm for the linear complementarity problem with an M-matrix

Lei Li

Yamaguchi University

Time: 2:25 p.m.--2:50 p.m.

Solving some large scale semidefinite programs via the conjugate residual method

Kim-Chuan Toh

National University of Singapore

Time: 2:50 p.m.--3:15 p.m.

Preconditioned iterative methods for the numerical solution of Fredholm equations of the second kind

Furong Lin

Shantou University

Time: 3:15 p.m.--3:35 p.m.

Tea Break

The semi-convergence of multigrid methods for symmetric nonnegative definite systems

WeiWei Sun

The City University of Hong Kong

Time: 3:45 p.m.--4:10 p.m.

Some structured preconditioners for solution of integral equations

Evgenii Tyrtishnikov
Russian Academy of Sciences
Time: 4:10 p.m.--4:35 p.m.

Incomplete semi-iterative methods for solving the singular linear equations

Yimin Wei
Fundan University
Time: 4:35 p.m.--5:00 p.m.

Sensitivity analysis of matrix square root function

Shu-fang Xu
Beijing University
Time: 5:00 p.m.--5:25 p.m.